

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A method for prenatal diagnosis comprising:
obtaining a prenatal nucleic acid sample
genotyping at least 5000 SNPs in said sample
analyzing the genotypes to determine chromosomal abnormalities.
2. (original) The method of claim 1 wherein the prenatal nucleic acid sample is derived from fetal cells obtained by amniocentesis.
3. (original) The method of claim 1 wherein the prenatal nucleic acid sample is derived from fetal cells obtained by chorionic villus sampling.
4. (original) The method of claim 1 wherein the prenatal nucleic acid sample is derived from fetal cells obtained by drawing blood from the fetal umbilical cord.
5. (original) The method of claim 1 wherein the step of genotyping is performed on a solid support.

6. (original) The method of claim 5 wherein the step of genotyping is performed on a microarray.
7. (original) The method of claim 1 wherein at least 250 ng of genomic DNA is analyzed.
8. (original) The method of claim 7 wherein at least 200 ng of genomic DNA is analyzed.
9. (original) The method of claim 8 wherein at least 150 ng of genomic DNA is analyzed.
10. (original) The method of claim 9 wherein at least 100 ng of genomic DNA is analyzed.
11. (original) The method of claim 1 wherein the prenatal nucleic acid sample is amplified prior to genotyping.
12. (cancelled)